

THOR-LX / HYBRID III RETROFIT VERSION 3.2

Drawing Package Specifications

DRAWING FILE NAMING SYSTEM:

AABBCNNN

AA - The first set of letters are used as the name given to the project and will remain consistent through-out the entire package of drawing.

T1 = THOR 50th percentile male dummy.

BB - The second set of letters refers to the body area of the dummy. The two letter descriptor tags can be found in the chart labeled Two Letter Descriptor Tags For Body Areas.

C - A single letter noting the type of drawing.

M	Mechanical Drawing	S	Skins
E	Electrical Drawing	T	Assembly Tools
W	Welding Drawing	C	Connector Wire
P	Purchased Dummy Part	A	Drawing Arrangement
I	Instrument Wire	X	Drawing Index
F	Fabric Pattern	B	Bill of Materials

NNN - The last three digits is a numbering scheme for the different levels of drawings such as an assembly drawing, subassembly drawing, and part or detail drawing. In general, the examples given below applies to the majority of the drawings but due to the complexity of some of the parts in the dummy these may vary slightly.

000	Denotes an assembly drawing.
100, 200, ... 900	Denotes a subassembly drawing.
010, 011, ... 099	
110, 111, ... 199	
210, 211, ... 299	Denotes a part drawing.
.....	
910, 911, ... 999	

2 LETTER DESCRIPTOR TAGS FOR BODY AREAS

AREA	2 LETTER TAG
ANKLE	AK
CALIBRATION EQUIPMENT	CE
FOOT	FT
KNEE	KN
THOR-LX	LX
LOWER LEG	LL

REVISIONS:

The denotation of revisions to drawings are indicated within the title block located in the lower left-hand corner of a drawing. The latest revision number will be indicated in the designated area labeled revision . If there is no revision number or the abbreviation N/C (No Change) is shown, it means that no modification has been done to the drawing.

A description of modifications made to a drawing will be listed under the revisions section located in the top right hand corner of a drawing. The category under revisions labeled zone identifies the location of the major modification done to a drawing. The zone will be identified by a letter corresponding to one of the letters listed along the sides of the border of a drawing and a number corresponding to one of the numbers listed along the top or bottom of the border of a drawing. For example, a change made to a drawing at a zone of D3", the letter D would be read from the side of the border and the number 3" would be read from top/bottom of the border. The imaginary intersection that the letter/number combination makes is the location of the modification made to a drawing.

VENDOR ABBREVIATIONS:

For convenience, the names of vendors were abbreviated. The abbreviation of the vendor is followed by the part number.

BD	BEARINGS AND DRIVES 35 WEST BROAD STREET WEST HAZELTON, PA 18201 PHONE # (717) 459-0333, FAX # (717) 459-1977
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CON CONTELEC (NOVOTECHNIK U.S. INC.)
237 CEDAR HILL STREET
MARLBORO, MA 01752
PHONE # (508) 485-2244 ; FAX # (508)485-2430

DNA 10317 US HWY. 250 N.
MILAN, OH 44846-9570
PHONE # (419) 625-5200; FAX # (419) 625-5335

DN DENTON
2967 WATERVIEW DRIVE
ROCHESTER HILLS, MI 48309
PHONE # (248) 852-5100 ; FAX # (248) 852-6060

END ENDEVCO
30700 RANCHO VIEJO ROAD
SAN JUAN CAPISTRANO, CALIFORNIA 92675
PHONE # (949) 493-8181 ; FAX # (949) 661-7231

EN ENTRAN
10 WASHINGTON AVE.
FAIRFIELD, NJ 07004-3877
PHONE # (201) 227-1002 ; FAX # (201)227-6865

FX FOAMEX
1641 BORDER AVE.
TORRANCE, CA 905901-2810
PHONE # (310) 328-1332

GN GEON, INC. (FORMERLY BF GOODRICH)
6100-T OAKTREE BLVD.
INDEPENDENCE, OHIO 44131
PHONE # (216) 447-6000

MCM MCMASTER CARR
473 RIDGE ROAD
DAYTON, NEW JERSEY 08810-0317
PHONE # (908)329-3200 ; FAX # (908) 329-3772

MWE MID-WEST EXPRESS
8 GREENWOOD AVE.
ROMEOVILLE, IL 60441-1399

PHONE # (815) 886-7812 ; FAX # (815) 886-1510

PB PACIFIC BEARING
P.O. BOX 6980
ROCKFORD, IL 61125-6980
PHONE # (800) 962-8979 ; FAX # (815) 962-3818

SAV SAVA INDUSTRIES, INC.
4 NORTH CORPORATE DRV.
P.O. BOX 30
RIVERDALE, NJ 07457-0030
PHONE # (201) 835-0882, FAX # (210) 835-0877

SI STERLING INSTRUMENTS
2101 JERICHO TURNPIKE
BOX 5416
NEW HYDEPARK, NY 11042-5416
PHONE # (516) 328-3300 ; FAX # (516)326-8827

TT TRANSDUCER TECHNIQUES
43178 BUSINESS PARK DR.
TEMECULA, CA 92590
PHONE # (909) 676-3965 ; FAX # (909) 676-1200

YKK YKK U.S.A., INC.
SOUTHEAST MANUFACTURING B
1306 COBB INDUSTRIAL DRV.
P.O. BOX 6729
MARIETTA, GA 30062

SCREW ABBREVIATIONS:

F.H.S.C.S.	FLAT HEAD SOCKET CAP SCREW
B.H.S.C.S.	BUTTON HEAD SOCKET CAP SCREW
S.H.C.S.	SOCKET HEAD CAP SCREW
S.S.S	SOCKET SET SCREW

MATERIAL ABBREVIATIONS:

CRS	COLD ROLLED STEEL
SS	STAINLESS STEEL

AL

ALUMINUM

BILL OF MATERIALS - PART TYPE ABBREVIATIONS:

A	ASSEMBLY
C	CUT FOAM OR PLASTIC
Q	CAST METAL PART
F	FABRIC OR SEWN PATTERN
I	PURCHASED INSTRUMENT
M	MACHINED PART
O	MOLDED PART
P	PURCHASED
S	SKIN
W	WELDED ASSEMBLY

ADDITIONAL ABBREVIATIONS:

N/C	NO CHANGE
B.C.	Bolt Circle

COATING SPECIFICATIONS:

- " CLEAR ANNODIZE - A CLEAR ANNODIZED COATING WITH THICKNESS UP TO 0.0005"
- " BLACK ANNODIZE - A BLACK ANNODIZED COATING WITH THICKNESS UP TO 0.0005"
- " TEFLON COATING - ACHESON GP 1904 - SPRAY APPLICATION OF PTFE AND GRAPHITE IN A THERMOPLASTIC BINDER. THICKNESS RANGE UP TO 0.001"

BORDER SIZES:

The border sizes are as follows:

- Border A = 10.5" x 8"
- Border B = 16.5" x 10.5"
- Border C = 21.5" x 16.5"
- Border D = 33.5" x 21.5"
- Border E = 43.5" x 33.5"